

**14<sup>th</sup> IHIWS Day 1 Detailed Program**  
**Tuesday 29<sup>th</sup> November Main Lecture Theatre**

**Haematopoietic Stem Cell Transplantation.**

Time	Session Title	Invited Speakers and Participants	
8:00	Welcome	Prof. James McCluskey	
	<b>Plenary Lectures:</b> <i>Sponsored by Amgen Australia</i>		
8:30 - 9:00	Haematopoietic Regulators, Receptors and Modulators.	Prof. Don Metcalf, FAA, FRS	Melbourne, Australia
9.00 – 9.30	The Thymus and its Role in Immunity	Prof. Jacques F.A.P. Miller, FAA, FRS	Melbourne, Australia
	Coffee Break		
10.00-11.30	<b>Workshop Presentations:</b> Histocompatibility Matching in Unrelated Donor Stem Cell Transplantation – results of 14 <sup>th</sup> IHIWS collaborative study	<b>Chair:</b> Peter Bardy Effie Petersdorf <b>Contributors:</b> Effie Petersdorf: Overview of IHWG HCT WG progress and database, MHC matching and survival analysis. Yasuo Morishima: JMDP MHC matching. Steve Marsh: DP study Anne Cambon-Thomson: Microsatellites. Mari Malkki: IHWG microsatellites.	Adelaide, Australia Seattle, USA Seattle, USA Nagoya, Japan London, UK Toulouse, France Seattle, USA
11.30-12.00	Minor Antigens	Els Goulmy: Minor antigens.	Leiden ,Netherlands
	<b>Lunch Break*</b> <i>Lunchtime Presentation by Dynal in the Plaza Conference Centre Room 1/2</i>		
	<b>Plenary Lectures:</b>		
1.00-1.45	Role of Other Genes in Haematopoietic Stem Cell Transplantation (HSCT) -cytokines.	<b>Chair:</b> Effie Petersdorf Anthony Schwarer <b>Contributors:</b> John Hansen Peter Bardy Mari Malkki	Seattle, USA Melbourne, Australia Seattle, USA Adelaide, USA Seattle, USA
1.45-3.45	Role of KIR in HSCT.  <i>Sponsored by Dynal</i>	<b>Chair:</b> Derek Middleton Frank Christiansen <b>Lecture:</b> Andrea Verlardi <b>Contributors:</b> Campbell Witt Yasuo Morishima Kathy Hsu Tony Schwarer	Belfast, UK Perth, Australia Perugia, Italy Perth, Australia Nagoya ,Japan New York, USA Melbourne, Australia
	Coffee Break		

Time	Session Title	Invited Speakers and Participants
4.15-5.45	Clear as MUD: The scientific and clinical power of the haematopoietic stem cell donor registries.	<p><b>Chair:</b> Carolyn Hurley                      Washington DC, USA</p> <p><b>Contributors:</b> Machteld Oudshoorn              Leiden, Netherlands Martin Maiers                        Minneapolis, USA Steven Marsh                         London, UK</p>
6:30-8:00	<b>Reception – Government House</b>	

- **An all day meeting of the Asia Pacific region of the Type 1 Diabetes Consortium will be held concurrently in Room G02/3.**

**14<sup>th</sup> IHIWS Day 2 Detailed Program**  
**Wednesday 30<sup>th</sup> November, Main Lecture Theatre**

**Pre-Sensitization and Matching in Solid Organ Transplantation**  
**- *Optimal Approaches to Diagnosis and Therapy***

Time	Session Title	Invited Speakers and Participants
8:20	Welcome	
8:30-10:30	Pre-Transplant Monitoring and Antibody Ablation Protocols – the Highly Sensitised Transplant Recipient.  <b>Sponsored by Roche Products</b>	<b>Chair:</b> Andrea Zachary - Baltimore, USA Solomon Cohney - Melbourne, Australia  <b>Presentations:</b> Andrea Zachary – Baltimore, USA “Desensitization, persistent antibody and graft function in renal transplantation” Robert Montgomery – Baltimore, USA “Options available to patients with incompatible donors” Elaine Reed - Los Angeles, USA “Mechanisms of anti-HLA antibodies in transplant vasculopathy and accommodation.”
	Coffee Break	
11:00-12:30	Pre-Transplant Monitoring and Antibody Ablation Protocols (cont.)  <b>Sponsored by Wyeth</b>	Stanley Jordan - Los Angeles, USA “Immunomodulation with intravenous gammaglobulin (IVIg) :from bench to bedside in the highly HLA sensitized patient  Nancy Reinsmoen - Durham, USA “Monitoring antibody levels during desensitization therapies in lung transplantation.  Frans Claas - Leiden, Netherlands The acceptable mismatch programme. The alternative to desensitisation of highly sensitised patients.
	<b>Lunch</b>  <b>Lunchtime Presentation “ Donor specific HLA antibody identification using GTI’s Micro-AMS kit” Presented by BC Serologicals in Room G02/3.</b> MicroAMS: A Novel ELISA for Detecting Donor-Specific HLA Antibodies. This assay uses an innovative low volume microplate to detect both HLA Class I and Class II IgG antibodies. Learn more of how the assay works and the advantages of monitoring patients prior to transplant, as well as post-transplant monitoring.  <b>Lunchtime Presentation by One Lambda Inc. in the Plaza Conference Centre.</b> One Lambda welcomes all of our friends and colleagues to Melbourne, Australia, and invites them to join us for a special luncheon presentation on Wednesday, November 30. Invited speakers will discuss their experiences with our new line of Luminex® based products. Each guest who attends the luncheon will be entered into a drawing for an I-pod Video. We invite everyone to visit the One Lambda display for further information	
1:30-3:30	HLA Antibodies and Chronic Rejection  <b>Sponsored by One Lambda</b>	<b>Chair:</b> Paul Terasaki- Los Angeles,USA  <b>Presentations:</b> Paul Terasaki- Los Angeles, USA The humoral theory of rejection Jarhow Lee – Los Angeles ,USA Results of Workshop Study.  Peter Statsny – Dallas,USA Role of MIC in transplantation
	Coffee Break	

Time	Session Title	Invited Speakers and Participants
4:00-6:00	HLA Matching, Definition of Epitopes and Alloresponses.	<p><b>Chair:</b>  Rene Duquesnoy - Pittsburgh, USA  Frans Claas - Leiden, Netherlands</p> <p><b>Presentations:</b>  Rene Duquesnoy - Pittsburgh, USA  Reactivity of antibodies against structurally defined HLA epitopes.  Frans Claas- Leiden, Netherlands  Acceptable mismatches  Christina Bade-Doeding - Hannover, Germany  “Definition of Allele-Specific Peptide Motifs to Estimate the Severity of HLA Mismatches”  “HLA-B*4103 Preferentially Binds Peptides of Extraordinary Length”  Lee Ann Baxter-Lowe - San Francisco, USA  “Use of HLA Structure and Function Parameters to Understand the Relationship between HLA Disparity and Transplant Outcomes”  Rene Duquesnoy-Pittsburgh, USA  “Progress Report on the 14<sup>th</sup> Workshop Projects on the Structural Basis of HLA Compatibility”  Dan Cook-Ohio, USA  “Progress Report on 14<sup>th</sup> Workshop Project on Virtual Crossmatching”</p>
6:30	<b>Wine Tasting Social Function</b>	
7:30	<b>IHIWS Councilors' Dinner</b>	
9:00-1:00	One Lambda will host an evening party for all of the workshop delegates. Venue: Bond Lounge at 24 Bond Street in Downtown Melbourne between Elizabeth and Queen Street	

## Day 2 Concurrent Sessions

Time	Meeting Room G.02/03	Meeting Room G.08	Meeting Room G.01	Time	Meeting Room G.09/10
8:00-10:15	Bone Marrow Transplant Co-ordinators Meeting		Msat Working Group -A.Cambon-Thomsen	8:00-10:00	HSCT Working Group – HSCT and HLA -E.Petersdorf, C.Witt, C.Leelayuwat, M.Schaffer, C.Raffoux, Z.Velickovic, C.Bade-Doding, L.Baxter-Lowe, E.Maruya, M.Lindemann, T.Ichinohe, E.F.Reed  IHWG HLA Outcomes Studies -E.Petersdorf, Y.Morishima, S.Marsh
Coffee Break					
10:30-11:45	Bone Marrow Donor Co-ordinators Meeting	Bone Marrow Search and Transplant Co-ordinators Meeting		10:30 - 12:30	HSCT Working Group – HSCT and KIR -F.Christiansen, D.Middleton, D.Senitzer, D.F.Chen, G.Fischer, S.Kim, K.Gagne, Y.Morishima, P.Parham, A.Velardi  Workshop KIR Genotype Studies -Khsu, E.Petersdorf
				12:30 - 1:45	<b>Lunch HSCT Working Group</b>
12:00-1:00	Bone Marrow Registry Working Group (BMRWG) -C.Hurley			1:45-2:45	HSCT Working Group – HSCT and microsatellites -A.Cambon-Thomson, M.Malkki, S. Li, R. Single  IHWG Microsatellite Outcome Studies -M.Malkki
<b>Lunch</b>				2:45-3:30	HSCT Working Group – HSCT and immune response genes. -J.Hansen, J.Mytilineos, M.P.Muir, TL. Etto, L.E.Weston, H.Dolstra, M.Lindemann, N.M.Murphy, E.Maruya, J.Norden <b>DISCUSSION</b>
2:00-4:00	BMRWG -C.Hurley			3:30-4:00	WG Immune Response Gene Outcomes Studies -M.Malkki
Coffee Break					
4:30-6:30	Diversity-Component of BMRWG - H.VanderZanden		Immunogenetics of Ageing -M.Naumova		KIR Educational Workshop -D.Middleton, M.Diviney, R.Rajalingam, C.Witt

# 14<sup>th</sup> IHIWS Day 3 Detailed Program

## Thursday 1<sup>st</sup> December

Time	Main Lecture Theatre	Meeting Room G.01	Meeting Room G.002/03	Meeting Room G.9/10	Meeting Room 8	Plaza Conference Room 1	Plaza Conference Room 2
8:30-10:30	<b>Plenary Lectures:</b> <i>Sponsored by BC Serologicals</i>  <b>Chair:</b> -W.Bodmer -J.Hansen  <b>Speakers:</b> -P.Parham -M.Carrington -A.Brooks -W.Helmberg						
Coffee Break							
11:00-1:00	Chronic Rejection - M.Ozawa, D.Cook	HLA Nomenclature Committee -E.Albert	Reproductive Immunology -M.Varla-Leftherioti	Sequence Based Typing(SBT): Protocols Update -D.Sayer  Report of Working Groups -M.Tilanus  Ambiguities -D.Sayer <i>Sponsored by Qiagen-Genovision</i>	Non Classical Class 1 Genes (HLA-E,F,G) - A.Arnaiz-Villena	MHC, Infection and Antigen Identification -N.Mehra	Type 1 Diabetes -A.Pugliese, M.Feolo, G.Thomson, B.Lie, R.Single, S.Rich, H.Erlich, U.Kanga, M.Varney, M.Giphart, J.Noble
<b>Lunch</b> <b>Lunchtime presentations</b> "Solutions for cancer research: Integration of expression, copy number, genotype and sequence data on a single platform by Dione Bailey . Presented by Millennium Science in the Plaza Conference Room 1 .  TLC Diagnostics Luncheon WS Lunchtime presentation "New developments on the LIFEMATCH Luminex platform." Presented by BC Serologicals in Room G02/3 1. Lifematch External Calibration Beads. 2. Lifematch product for KIR DNA-typing. 3. Lifematch products for Cytokine DNA-typing. 4. Properties of a Lifematch single antigen HLA class II Antibody test.							
2:00-4:00	Chronic Rejection - M.Ozawa, D.Cook	Comparative Genetics -L.Kennedy	Minor Antigen-Workshop Results -E.Goulmy, C.Gorodesky, J.Thomson, R.Cirocco, H.Dolstra, S.Li, D.DeLuca	SBT (cont): Bioinformatics -M.Tilanus  SBT for Other Genes -D.Sayer <i>Sponsored by Qiagen-Genovision</i>		HLA Dictionary -I.Schreuder, S.Marsh, M.Setterholm, M.Maiers, C.Hurley	Type 1 Diabetes -A.Pugliese
Coffee Break							

4:30-6:30	<p>KIR Genomics -D.Middleton, F.Christiansen, P.Parham</p> <p>4:40pm <i>Technical</i> -M.Rose, A.Pistofidis, I.Toliopoulos, S.Barusrux <i>Discussion:</i> J.Trowsdale, C.Hurley</p> <p>5:05pm <i>Disease Studies</i> -A.Moffett-King, L.Fainboim, F.Pellett, M.Giphart, L.Fainboim, R.Cirocco <i>Discussion:</i> -M.Carrington, J.Trowsdale, R.Rajalingam</p> <p><i>KIR Nomenclature</i> -S.Marsh</p>	Comparative Genetics -L.Kennedy	<p>Minor Antigen-Nomenclature -E.Goulmy</p> <p>This session is divided into three principal minor antigen topics; 1. Proceeding with the active minor community in terms of collaboration e.g. collecting clinical data for the patient/ donor pairs who were/will be included in the minor antigen WS activities; 2. Reaching consensus on the minor nomenclature 3. Anticipating the newly identified minor antigens</p>	<p>SBT for other genes (cont). -D.Sayer</p> <p>Other Abstracts -M.Tilanus <b>Sponsored by Qiagen-Genovision</b></p>		Anthropology / Human Diversity -H. Erlich, S.Mack, R.Single, H.Maldonado Torres, A.Lancaster	Structural Basis of HLA Compatibility - R.Duquesnoy + Virtual Cross match -D.Cook
	<b>Meal Break</b>	Dinner presentation – Accurate and affordable diagnostic tools to facilitate donor/recipient matching SBTengine®, the ultimate HLA typing software Presented by Genome Diagnostics, Room G 9/10					
7:30-9:30	<p><i>KIR Polymorphism</i> -C.Roberts, R.Rajalingam, PA.Gourraud, J.Goodridge, Discussion -P Parham, C.Hurley, F.Christiansen 8:20pm <i>Typing Methods</i> -J.Lee, E.Rozemuller, R.Rajalingam Discussion -S.Marsh, D Middleton,C.Witt 8:50pm <i>Anthropology</i> -C.Gordezkey, L.Fainboim, K.Kirthcaroen, M.Velickovic, R.Rajalingam Discussion - D.Middleton, P.Parham</p>		<p>HLA and Cancer -M.Tilanus, B.Tait, F.Garrido, A.Ziegler, S.F.Chew, M.Tilanus, M.Worsham, V.T.An, D.McNaughton, L.Fian</p> <p><b>Sponsored by Millennium Science</b></p>	<p>Cytokine Polymorphisms - J. Mytilineos, J.Hansen</p> <p>N. Hirankarn, P. Price, R.Scorza, L.Fainboim, R.Rani, A.Ghaderi, M.Marchini, M.Ivanova, A.Amirzargar</p>		Msat Working Group -A. Cambon-Thomsen	

